United States Environmental Protection Agency
Region 6 Environmental Services Branch Laboratory
10625 Fallstone, Houston, Texas 77099

Final Analytical Report

Site Name ..... Old Brazos Forge

CERCLIS Number TXD048901235

Sample Collection Date ..... March 16, 2000

Laboratory Sample Identification 0T5BCW24

Contact ..... Bill Rhotenberry (6SF-RA)

Report Date ..... April 4, 2000

Report Narrative:

Standard procedures for quality assurance and quality control were followed in the analysis and reporting of the sample results. The results apply only to the samples tested. This final report should only be reproduced in full.

The laboratory routinely disposes of samples 90 days after all analysis has been completed. If you have a need to hold these samples in custody longer than 90 days, please send an e-mail to Larry Streck Streck.Larry@epa.gov within the next 30 days briefly stating your need to hold these samples in custody.

962108

Report Approvals:

David Stockton
Deputy Branch Chief (Acting)

Douglas A. Lipka
Region 6 Laboratory Branch Chief

United States Environmental Protection Agency
Region 6 Environmental Services Branch Laboratory
10625 Fallstone, Houston, Texas 77099

Final Analytical Report

Report Contents

U. S. Environmental Protection Agency

Region 6 Houston Laboratory

Report For Sample Number 0T5BCW2401

Source: OLD BRAZOS FORGE

Site Description: GW-10b

Date/Time Received: 3/17/2000 09:00 AM **Date Completed** 4/4/2000

Date/Time Collected: 3/16/2000 12:45 PM

Sample Type: LIQUID

Comments:

Parameter	Description
LIMS	LOW LEVEL ICP/MS

US EPA REGION 6 LABORATORY

SAMPLE #: 0T5BCW24-01

SOURCE: OLD BRAZOS FORGE
MATRIX AQUEOUS DATES ANALYZED: 23-MAR-00

ANALYSTS: BB

PARAMETER	CONCENTRATION	DETECTION LIMIT <=	UNITS	METHOD
ANTIMONY	ND	2.0	UG/L	200.8
ARSENIC	4.4	2.0	UG/L	200.8
CHROMIUM	ND	2.0	UG/L	200.8
VANADIUM	ND	2.0	UG/L	200.8

ND: LESS THAN DETECTION LIMIT

U. S. Environmental Protection Agency

Region 6 Houston Laboratory

Report For Sample Number 0T5BCW2402

Source: OLD BRAZOS FORGE

Site Description: GW-12b

Date/Time Received: 3/17/2000 09:00 AM **Date Completed** 4/4/2000

Date/Time Collected: 3/16/2000

Sample Type: LIQUID

Comments:

Parameter	Description
LIMS	LOW LEVEL ICP/MS

US EPA REGION 6 LABORATORY

SAMPLE #: 0T5BCW24-02

SOURCE: OLD BRAZOS FORGE
MATRIX AQUEOUS DATES ANALYZED: 23-MAR-00

ANALYSTS: BB

PARAMETER	CONCENTRATION	DETECTION LIMIT <=	UNITS	METHOD
ANTIMONY	ND	2.0	UG/L	200.8
ARSENIC	ND	2.0	UG/L	200.8
CHROMIUM	3.5	2.0	UG/L	200.8
VANADIUM	ND	2.0	UG/L	200.8

ND: LESS THAN DETECTION LIMIT

U. S. Environmental Protection Agency

Region 6 Houston Laboratory

Report For Sample Number 0T5BCW2403

Source:	OLD BRAZOS FORGE
Site Description:	GW-11b
Date/Time Received:	3/17/2000 09:00 AM
Date Completed	4/4/2000
Date/Time Collected:	3/16/2000 12:00 PM
Sample Type:	LIQUID
Comments:	

Parameter	Description
LIMS	LOW LEVEL ICP/MS

US EPA REGION 6 LABORATORY

SAMPLE #: 0T5BCW24-03

SOURCE: OLD BRAZOS FORGE
MATRIX AQUEOUS DATES ANALYZED: 23-MAR-00

ANALYSTS: BB

PARAMETER	CONCENTRATION	DETECTION LIMIT <=	UNITS	METHOD
ANTIMONY	ND	2.0	UG/L	200.8
ARSENIC	ND	2.0	UG/L	200.8
CHROMIUM	3.3	2.0	UG/L	200.8
VANADIUM	ND	2.0	UG/L	200.8

ND: LESS THAN DETECTION LIMIT

U.S. EPA Region 6 Laboratory

Quality Control Report - Metals Laboratory

R.C. 3-30-00

Site Name: OLD BRAZOS FORGE
Sample #: 0T5BCW2401

Date Received: 17-Mar-00
Date Reported: 30-Mar-00

Quality Control for Sample Numbers: 0T5BCW2401-03 AQ

Analyte	Spiked Sample Result	Spiked Dup. Sample Result	Preparation Blank Result	Percent Recovery	Relative Percent Difference	Sample Result	LCS
Analysis: ICPMS (BB) Spike Added: 20 ug/l							
Sb 123	5.37	5.2	DL	106%	2.8	0.09	100%
As 75	6.00	6.0	DL	98%	0.2	1.10	93%
Cr 52	4.85	4.7	DL	92%	3.4	0.27	98%
V 51	4.28	4.2	DL	86%	1.9		83%

ALL SAMPLES AND SPIKES @ 1:4 DILUTION

DL= Detection Limits

Acceptable Percent Recovery Range = 75-125%
Acceptable Relative Percent Difference = < 20

ENVIRONMENTAL PROTECTION AGENCY
Region 6

OFFICIAL CHAIN OF CUSTODY RECORD

REGION 6
1445 Ross Avenue, Suite 1200
Dallas, Texas 75202-2733

PROJ. NO.	PROJECT NAME	NO. OF CONTAINERS	ANTIMONY	ARSENIC	CHROMIUM	VANADIUM	REMARKS
	Old Brazos Forge						

SAMPLERS: *(Signature)*
Melissa Cordell

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	ANTIMONY	ARSENIC	CHROMIUM	VANADIUM	REMARKS
											COC Tag #
GW-10a	3/16/00	1245		X	GW-10b	1	X	X	X	X	6-209097
GW-10b	3/16/00	1245		X	GW-10b	1	X	X	X	X	6-209098
GW-11b	3/16/00	1200		X	GW-11b	1	X	X	X	X	6-209099
GW-12b	3/16/00	1200		X	GW-12b	1	X	X	X	X	6-209100

Relinquished by: *(Signature)*	Date / Time	Received by: *(Signature)*	Relinquished by: *(Signature)*	Date / Time	Received by: *(Signature)*
Gary Hazlewood	3-17-00 0900				
Relinquished by: *(Signature)*	Date / Time	Received by: *(Signature)*	Relinquished by: *(Signature)*	Date / Time	Received by: *(Signature)*
Relinquished by: *(Signature)*	Date / Time	Received for Laboratory by: *(Signature)* Sylvia Gonzales	Date / Time 3/17/2000 0900	Remarks	
Shipped by:		Airbill Number:		Temp Blank 4°C	

Distribution: White Accompanies Shipment; Pink to Coordinator Field Files;
Green to Report; Yellow Returns with Warrant

6- 0437